

Message

**From:** Reddy - CDPHE, Patrick [patrick.reddy@state.co.us]  
**Sent:** 3/18/2014 5:14:15 PM  
**To:** Tonnesen, Gail [Tonnesen.Gail@epa.gov]; pfister@ucar.edu; Andrew Langford-NOAA Federal [andrew.o.langford@noaa.gov]; Pierce', 'GORDON [Gordon.Pierce@state.co.us]  
**Subject:** Fwd: Not much O3 in Colorado

Here is yesterday's O3 time series for Fort Collins West, showing a 3-hour intrusion spike late in the evening.

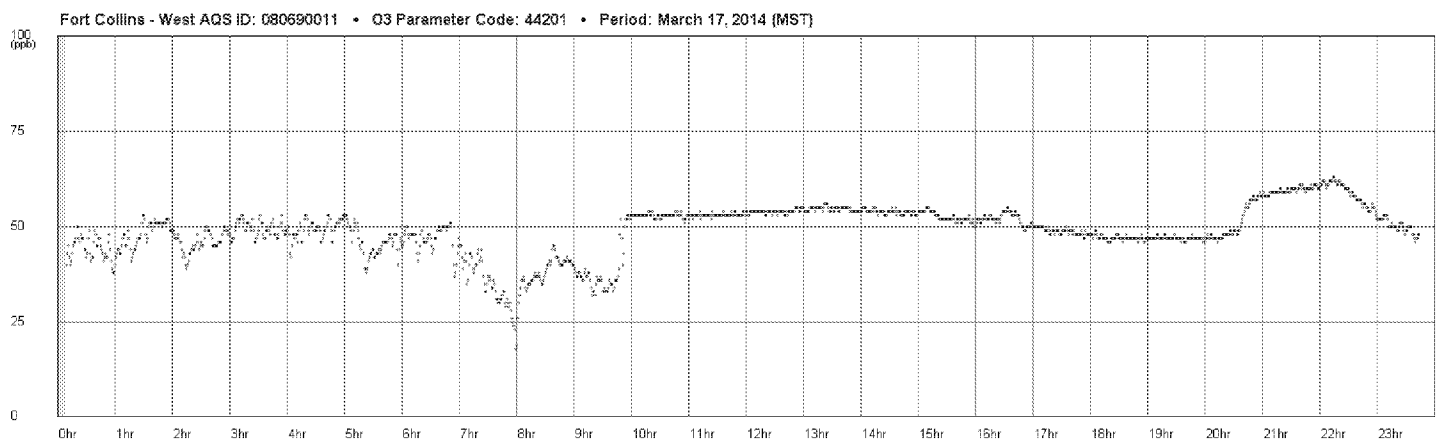
Pat

----- Forwarded message -----

**From:** Machovec - CDPHE, Chuck <chuck.machovec@state.co.us>  
**Date:** Tue, Mar 18, 2014 at 10:04 AM  
**Subject:** Re: Not much O3 in Colorado  
**To:** Pat Reddy <patrick.reddy@state.co.us>

**Raw minute data from polling system**

*These are real time data compiled at the time they were reported. These data have not been validated, corrected, and may not consider validation flags.*



On Tue, Mar 18, 2014 at 9:56 AM, Brad Pierce - NOAA Federal <brad.pierce@noaa.gov> wrote:  
The forecast showed the largest impact in Southern California/Baja, which verified, so it may be a null case for CO but not the US.

Brad

On Tue, Mar 18, 2014 at 10:17 AM, Tonnesen, Gail <Tonnesen.Gail@epa.gov> wrote:

It's snowing pretty hard in Denver right now. It would have been interesting to have high ozone levels for the call, but the null case is also interesting as a test to see if the analysis tools are consistent with no stratospheric intrusion.

Thanks,

Gail

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**From:** Andrew Langford [mailto:[andrew.o.langford@noaa.gov](mailto:andrew.o.langford@noaa.gov)]

**Sent:** Tuesday, March 18, 2014 9:12 AM

**To:** Reddy - CDPHE, Patrick

**Cc:** Brad Pierce; Briggs, Kevin; Tonnesen, Gail; Payton, Richard; Scott Landes - CDPHE; [emmett.malone@state.co.us](mailto:emmett.malone@state.co.us); [Chuck.Machovec@state.co.us](mailto:Chuck.Machovec@state.co.us); Pierce, 'GORDON'; [gregory.harshfield@state.co.us](mailto:gregory.harshfield@state.co.us)

**Subject:** Re: Not much O3 in Colorado

Too cloudy for lidar too!

Sent from my iPhone

On Mar 18, 2014, at 9:05, "Reddy - CDPHE, Patrick" <[patrick.reddy@state.co.us](mailto:patrick.reddy@state.co.us)> wrote:

We had a few sites spike at 60 or 61 ppb last night, but the atmosphere looks a little different today than expected. Poor vertical mixing, snow bands, and no sign of a fold in this AMs sounding.

Pat

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Patrick J. Reddy

Senior Air Quality Meteorologist

Modeling, Meteorology, and Emissions Inventory Unit

Technical Services Program

Air Pollution Control Division

Colorado Department of Public Health and Environment

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<image001.png> <image002.jpg> <image003.jpg> <image004.png>

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R. Bradley Pierce

NOAA/NESDIS  
Center for SaTellite Applications and Research (STAR)  
Advanced Satellite Products Branch (ASPB)  
1225 West Dayton Street  
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